

Raw Sequence Listing Error Summary

ERROR DETECTED

SUGGESTED CORRECTION

SERIAL NUMBER: 09/851,291

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

- 1 Wrapped Nucleics The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."
- 2 Invalid Line Length The rules require that a line **not exceed** 72 characters in length. This includes white spaces.
- 3 Misaligned Amino Numbering The numbering under each 5th amino acid is misaligned. Do **not** use tab codes between numbers; use space characters, instead.
- 4 Non-ASCII The submitted file was **not saved** in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is **saved in ASCII text**.
- 5 Variable Length Sequence(s) _____ contain n's or Xaa's representing more than one residue. **Per Sequence Rules, each n or Xaa can only represent a single residue.** Please present the **maximum** number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.
- 6 PatentIn 2.0 "bug" A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) _____. Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. **This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.**
- 7 Skipped Sequences (OLD RULES) Sequence(s) _____ missing. If intentional, please insert the following lines for each skipped sequence:
(2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
(i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)
(xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
This sequence is intentionally skipped

Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.
- 8 Skipped Sequences (NEW RULES) Sequence(s) _____ missing. If intentional, please insert the following lines for each skipped sequence.
<210> sequence id number
<400> sequence id number
000
- 9 Use of n's or Xaa's (NEW RULES) Use of n's and/or Xaa's have been detected in the Sequence Listing.
Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present.
In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.
- 10 Invalid <213> Response Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence
3-5
- 11 Use of <220> Sequence(s) _____ missing the <220> "Feature" and associated numeric identifiers and responses.
Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section.
(See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)
- 12 PatentIn 2.0 "bug" Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.

OIPPE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/851,271

DATE: 05/21/2001
TIME: 09:53:41

Input Set : A:\Sequence Listing.txt
Output Set: N:\CRF3\05212001\I851271.raw

Does Not Comply
Corrected Diskette Needed

f.2

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3 <110> APPLICANT: Gendaq Limited
5 <120> TITLE OF INVENTION: Screening System
7 <130> FILE REFERENCE: 674538-2003
C--> 9 <140> CURRENT APPLICATION NUMBER: US/09/851,271
C--> 9 <141> CURRENT FILING DATE: 2001-05-08
9 <150> PRIOR APPLICATION NUMBER: PCT/GB99/03730
10 <151> PRIOR FILING DATE: 1999-11-09
12 <150> PRIOR APPLICATION NUMBER: GB9824544.2
13 <151> PRIOR FILING DATE: 1998-11-09
15 <160> NUMBER OF SEQ ID NOS: 16
17 <170> SOFTWARE: PatentIn version 3.0
19 <210> SEQ ID NO: 1
20 <211> LENGTH: 264
21 <212> TYPE: DNA
22 <213> ORGANISM: Artificial Sequence
24 <220> FEATURE:
25 <221> NAME/KEY: misc_structure
26 <222> LOCATION: (1)..(264)
27 <223> OTHER INFORMATION: sequence coding for a zinc finger protein
30 <400> SEQUENCE: 1
31 gcagaagaga agcctttca gtgtcgaaat tcgtatgcgta acttcagcga tcgttagtagt      60
33 cttaccggcc acacgaggac ccacacaggc gagaaggcctt ttcatgttcg aatctgcatt      120
35 cgtaacttca gcaggaggcga taaccttacg agacacctaag ggaccccacac aggcgagaag      180
37 ccttttcagt gtcgaatctg catgcgtaac ttcaggcaag ctgtatcatct tcaagagcac      240
39 ctaaagaccc acacaaggcga gaaag                                264
42 <210> SEQ ID NO: 2
43 <211> LENGTH: 88
44 <212> TYPE: PRT
45 <213> ORGANISM: Artificial Sequence
47 <220> FEATURE:
48 <221> NAME/KEY: ZN_FING
49 <222> LOCATION: (1)..(88)
50 <223> OTHER INFORMATION: protein sequence encoding a zinc-finger domain
53 <400> SEQUENCE: 2
55 Ala Glu Glu Lys Pro Phe Gln Cys Arg Ile Cys Met Arg Asn Phe Ser
56 1           5           10          15
58 Asp Arg Ser Ser Leu Thr Arg His Thr Arg Thr His Thr Gly Glu Lys
59   20         25           30
61 Pro Phe Gln Cys Arg Ile Cys Met Arg Asn Phe Ser Arg Ser Asp Asn
62   35         40          45
64 Leu Thr Arg His Leu Arg Thr His Thr Gly Glu Lys Pro Phe Gln Cys
65   50         55          60
67 Arg Ile Cys Met Arg Asn Phe Arg Gln Ala Asp His Leu Gln Glu His
68 65           70          75          80
70 Leu Lys Thr His Thr Gly Glu Lys
71   85
73 <210> SEQ ID NO: 3

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Input Set : A:\Sequence Listing.txt
Output Set: N:\CRF3\05212001\I851271.raw

74 <211> LENGTH: 31
 75 <212> TYPE: PRT
 76 <213> ORGANISM: Artificial Sequence
 78 <220> FEATURE:
 79 <221> NAME/KEY: VARIANT
 80 <222> LOCATION: (1)..(31)
 81 <223> OTHER INFORMATION: 'X' can be any amino acid as described in the specification
 84 <400> SEQUENCE: 3
 W--> 86 Xaa Xaa Cys Xaa Xaa Xaa Xaa Cys Xaa Xaa Xaa Xaa Xaa Xaa Xaa
 1 5 10 15
 W--> 89 Xaa Xaa Xaa Xaa Xaa Xaa His Xaa Xaa Xaa Xaa Xaa Xaa His
 1 20 25 30
 92 <210> SEQ ID NO: 4
 93 <211> LENGTH: 31
 94 <212> TYPE: PRT
 95 <213> ORGANISM: Artificial Sequence same err
 97 <220> FEATURE:
 98 <221> NAME/KEY: VARIANT
 99 <222> LOCATION: (1)..(31)
 100 <223> OTHER INFORMATION: 'X' can be any amino acid as described in the specification
 103 <400> SEQUENCE: 4
 W--> 105 Xaa Xaa Cys Xaa Xaa Xaa Xaa Cys Xaa Xaa Xaa Xaa Xaa Xaa
 1 5 10 15
 W--> 108 Xaa Xaa Xaa Xaa Xaa Xaa His Xaa Xaa Xaa Xaa Xaa Xaa Cys
 1 20 25 30
 111 <210> SEQ ID NO: 5
 112 <211> LENGTH: 24
 113 <212> TYPE: PRT
 114 <213> ORGANISM: Artificial Sequence
 116 <220> FEATURE:
 117 <221> NAME/KEY: VARIANT
 118 <222> LOCATION: (1)..(24)
 119 <223> OTHER INFORMATION: 'X' can be any amino acid as described in the specification
 122 <400> SEQUENCE: 5
 W--> 124 Xaa Cys Xaa Xaa Xaa Xaa Cys Xaa Xaa Xaa Phe Xaa Xaa Xaa Xaa
 1 5 10 15
 W--> 127 Leu Xaa Xaa His Xaa Xaa Xaa His
 1 20
 130 <210> SEQ ID NO: 6
 131 <211> LENGTH: 4
 132 <212> TYPE: PRT
 133 <213> ORGANISM: Artificial Sequence
 135 <220> FEATURE:
 136 <221> NAME/KEY: PEPTIDE
 137 <222> LOCATION: (1)..(4)
 138 <223> OTHER INFORMATION: linker
 141 <400> SEQUENCE: 6
 143 Thr Gly Glu Lys
 144 1

see item 11 on Error Summary Sheet

RAW SEQUENCE LISTING
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Input Set : A:\Sequence Listing.txt
Output Set: N:\CRF3\05212001\I851271.raw

146 <210> SEQ ID NO: 7
147 <211> LENGTH: 5
148 <212> TYPE: PRT
149 <213> ORGANISM: Artificial Sequence
151 <220> FEATURE:
152 <221> NAME/KEY: PEPTIDE
153 <222> LOCATION: (1)..(5)
154 <223> OTHER INFORMATION: linker
157 <400> SEQUENCE: 7
159 Thr Gly Glu Lys Pro
160 1 5
162 <210> SEQ ID NO: 8
163 <211> LENGTH: 26
164 <212> TYPE: PRT
165 <213> ORGANISM: Artificial Sequence
167 <220> FEATURE:
168 <221> NAME/KEY: ZN_FING
169 <222> LOCATION: (1)..(26)
170 <223> OTHER INFORMATION: zinc finger consensus structure
173 <400> SEQUENCE: 8
175 Pro Tyr Lys Cys Pro Glu Cys Gly Lys Ser Phe Ser Gln Lys Ser Asp
176 1 5 10 15
178 Leu Val Lys His Gln Arg Thr His Thr Gly
179 20 25
181 <210> SEQ ID NO: 9
182 <211> LENGTH: 29
183 <212> TYPE: PRT
184 <213> ORGANISM: Artificial Sequence
186 <220> FEATURE:
187 <221> NAME/KEY: ZN_FING
188 <222> LOCATION: (1)..(29)
189 <223> OTHER INFORMATION: zinc finger consensus structure
192 <400> SEQUENCE: 9
194 Pro Tyr Lys Cys Ser Glu Cys Gly Lys Ala Phe Ser Gln Lys Ser Asn
195 1 5 10 15
197 Leu Thr Arg His Gln Arg Ile His Thr Gly Glu Lys Pro
198 20 25
200 <210> SEQ ID NO: 10
201 <211> LENGTH: 6
202 <212> TYPE: PRT
203 <213> ORGANISM: Artificial Sequence
205 <220> FEATURE:
206 <221> NAME/KEY: PEPTIDE
207 <222> LOCATION: (1)..(6)
208 <223> OTHER INFORMATION: leader peptide
211 <400> SEQUENCE: 10
213 Met Ala Glu Glu Lys Pro
214 1 5
216 <210> SEQ ID NO: 11

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/851,271

DATE: 05/21/2001
TIME: 09:53:41

Input Set : A:\Sequence Listing.txt
Output Set: N:\CRF3\05212001\I851271.raw

217 <211> LENGTH: 4
218 <212> TYPE: PRT
219 <213> ORGANISM: Artificial Sequence
221 <220> FEATURE:
222 <221> NAME/KEY: PEPTIDE
223 <222> LOCATION: (1)..(4)
224 <223> OTHER INFORMATION: smallest unit of stalling polypeptide sequence
227 <400> SEQUENCE: 11
229 Ala Ala Val Pro
230 1
232 <210> SEQ ID NO: 12
233 <211> LENGTH: 24
234 <212> TYPE: PRT
235 <213> ORGANISM: Artificial Sequence
237 <220> FEATURE:
238 <221> NAME/KEY: PEPTIDE
239 <222> LOCATION: (1)..(24)
240 <223> OTHER INFORMATION: linker sequence followed by the stalling polypeptide sequence
243 <400> SEQUENCE: 12
245 Gly Gly Gly Ser Gly Gly Gly Ser Gly Gly Gly Ser Gly
246 1 5 10 15
248 Gly Gly Gly Ser Ala Ala Val Pro
249 20
251 <210> SEQ ID NO: 13
252 <211> LENGTH: 23
253 <212> TYPE: DNA
254 <213> ORGANISM: Artificial Sequence
256 <220> FEATURE:
257 <221> NAME/KEY: promoter
258 <222> LOCATION: (1)..(23)
259 <223> OTHER INFORMATION: bacteriophage T7 RNA polymerase promoter sequence
262 <400> SEQUENCE: 13
263 taatacagact aactataggg aga 23
266 <210> SEQ ID NO: 14
267 <211> LENGTH: 6
268 <212> TYPE: DNA
269 <213> ORGANISM: Artificial Sequence
271 <220> FEATURE:
272 <221> NAME/KEY: RBS
273 <222> LOCATION: (1)..(6)
274 <223> OTHER INFORMATION: bacteriophage T7, gene 10 ribosome binding site
277 <400> SEQUENCE: 14
278 aaggag 6
281 <210> SEQ ID NO: 15
282 <211> LENGTH: 18
283 <212> TYPE: DNA
284 <213> ORGANISM: Artificial Sequence
286 <220> FEATURE:
287 <221> NAME/KEY: misc_feature

RAW SEQUENCE LISTING
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Input Set : A:\Sequence Listing.txt
Output Set: N:\CRF3\05212001\I851271.raw

288 <222> LOCATION: (1)..(18)
289 <223> OTHER INFORMATION: DNA sequence encoding the ribosome stalling peptide sequence
292 <400> SEQUENCE: 15
293 atggttaaaa cagataaa
296 <210> SEQ ID NO: 16 18
297 <211> LENGTH: 6
298 <212> TYPE: PRT
299 <213> ORGANISM: Artificial Sequence
301 <220> FEATURE:
302 <221> NAME/KEY: PEPTIDE
303 <222> LOCATION: (1)..(6)
304 <223> OTHER INFORMATION: ribosome stalling peptide sequence
307 <400> SEQUENCE: 16
309 Met Val Lys Thr Asp Lys
310 1 5

VERIFICATION SUMMARY
PATENT APPLICATION: US/09/851,271

DATE: 05/21/2001
TIME: 09:53:42

Input Set : A:\Sequence Listing.txt
Output Set: N:\CRF3\05212001\I851271.raw

L:9 M:270 C: Current Application Number differs, Replaced Current Application No
L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:86 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:89 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:105 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:108 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:124 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:127 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5